AMENDMENTS TO CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A therapeutic agent for treatment of mastitis in cattle consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof as effective ingredients in an amount adjusted to administer from approximately 400 to approximately 800 mg per mamma, and a pharmaceutically acceptable carrier, wherein the therapeutic agent is directly administered into mammae of the cattle.

2. (Cancelled)

3. (Currently Amended) A therapeutic method for treatment of mastitis in cattle, comprising administering a therapeutic agent consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable carrier to ~~the mammae~~ mamma of the cattle.

4. (Currently Amended) The therapeutic method for treatment of mastitis in cattle according to Claim 3, wherein glycyrrhizin or pharmaceutically acceptable salts thereof ~~is~~ are administered by direct injection using a cannula.

5-11. (Cancelled)

12. (New) A therapeutic agent for treatment of mastitis in cattle consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof as effective ingredients in an amount adjusted to achieve from approximately 0.08 to approximately 0.4 mg/ml of the effective ingredients in milk of the cattle, and a pharmaceutically acceptable carrier.

13. (New) A therapeutic agent for treatment of mastitis in cattle consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof as effective ingredients and a pharmaceutically acceptable carrier wherein a dosage unit of the therapeutic agent comprises from approximately 400 mg to approximately 800 mg of the effective ingredients.

14. (New). The method of Claim 3, wherein glycyrrhizin or pharmaceutically acceptable salts thereof are administered in an amount from approximately 400 to approximately 800 mg per mamma.

15. (New). The method of Claim 3, wherein glycyrrhizin or pharmaceutically acceptable salts thereof are administered in an amount to achieve from approximately 0.08 to approximately 0.4 mg/ml of glycyrrhizin or pharmaceutically acceptable salts thereof in milk of the cattle.

16. (New) The method of Claim 3, wherein a dosage unit of the therapeutic agent comprises from approximately 400 mg to approximately 800 mg of glycyrrhizin or pharmaceutically acceptable salts thereof.